

Chapter 6. SPECIAL DATA NOTAM'S

Section 1. WEATHER AND WEATHER REPORTING EQUIPMENT

6-1-1. NOTAM (D) WEATHER AND WEATHER REPORTING EQUIPMENT

a. Accept NOTAM information on Federal AWOS-3 systems from Airway Facilities personnel. They are responsible for system monitoring and for requesting that NOTAM's be issued by the associated FSS's.

NOTE-

Airway Facilities personnel are responsible for requesting that NOTAM's be issued by the associated FSS's when the following occur: (1) total system failure (which includes date-time code failures); and (2) altimeter setting is reported as "missing." AWOS-3 weather reports will be disseminated with missing report elements including altimeter setting. The letter "M" will appear in place of any missing elements. No report will be disseminated when there is a total system failure.

1. When malfunctions or discrepancies are reported to a facility, they shall be verified by any of the following methods:

(a) A certified observer, airport manager, or fixed base operator at the observation site.

(b) Reports regarding a given observation by two (2) pilots within two (2) miles of the airport prior to the observation.

(c) Airway Facilities personnel.

2. When verified, issue a NOTAM and notify the responsible Airway Facilities office of the discrepancy, unless they reported the outage. If notified of system failure or other irregularity by other than an Airway Facilities office that cannot be verified by the methods given above, forward the information to Airway Facilities office for resolution. Accept NOTAM cancellation information only from the responsible Airway Facilities office.

b. Accept NOTAM information on ASOS from the forecast office. The person on duty at the forecast office will request that NOTAM's be issued regarding ASOS system malfunctions. When malfunctions or discrepancies of an ASOS system are reported to a facility, they will be reported to the forecast office. Accept NOTAM cancellation information only from the forecast office.

c. The flight service specialist is responsible for formatting the information correctly.

NOTE-

The examples in this order are representative of the format discussed in the paragraph.

d. NOTAM D's for weather services and weather reporting equipment shall contain these elements as discussed below:

ADP CODE	ACC LOC	AFF LOC	COND	TIME
ADP CODE is an exclamation point "!".				
ACC LOC is the identifier of the accountability location.				
AFF LOC is the identifier of the affected facility or location.				
COND is the condition being reported. For certain weather reporting equipment NOTAM's, this may begin with the run way identification, if appropriate, followed by the system or service affected. For all other NOTAM's in this category, the condition shall begin with the system or service affected.				
TIME identifies the effective time of the NOTAM condition. Times shall be formatted in accordance with para 4-2-1, NOTAM Composition.				

e. Disseminate the following conditions as NOTAM:

1. Commissioning or decommissioning of weather reporting. When commissioning an automated system which has a frequency/telephone number, include that information in the NOTAM.

EXAMPLE-

!DAN DAN AWOS-3 CMSN 120.3/202-426-8000

!INT INT LAWRS CMSN

!DRT DRT AMOS DCMSN

!PBF PBF WX REP DCMSN

2. The failure or nonavailability of weather reporting.

EXAMPLE-

!DAN DAN AWOS-3 ALSTG NOT AVBL

NOTE-

The AWOS-3 altimeter setting is being reported as "missing" on the weather report.

EXAMPLE-

!PBF PBF WX REP NOT AVBL

NOTE-

The nonautomated weather reporting service provided by the FAA or the NWS is not available as published.

3. AWOS unreliable/inaccurate elements.

EXAMPLE-

!MLC MLC ALSTG UNREL

!PWA PWA CIG UNREL

!COU COU WND UNREL

!SJT SJT T UNREL

!DRI DRI CIG/VIS UNREL

NOTE-

Any element(s); i.e., ceiling, visibility, wind, temperature, dew point, and altimeter setting, being disseminated in the weather report is unreliable and/or inaccurate.

4. The broadcast frequency of the ASOS or AWOS is inoperative or returned to service.

EXAMPLE-

!DAN DAN AWOS 120.3 OTS

!DAN DAN AWOS 120.3 RTS

NOTE-

The failure of the telephone line and/or circuit used for connection to WMSC shall not be the basis for a NOTAM.

6-1-2. LOW LEVEL WINDSHEAR ALERT SYSTEM (LLWAS)

Issue a NOTAM if a system failure rendering the LLWAS unusable is reported. NOTAM's are not issued for failure of individual system components, such as a remote sensors.

EXAMPLE-

!IAD IAD LLWAS OTS

6-1-3. RUNWAY VISUAL RANGE

Issue a NOTAM on runway visual range (RVR), RVR midpoint (RVRM), RVR touchdown (RVRT), and RVR rollout (RVRR). NOTAM's are not issued for failure of individual system components, such as a remote sensor.

EXAMPLE-

!BWI BWI 10 RVRR OTS

!BWI BWI 28 RVR OTS

6-1-4. TERMINAL DOPPLER WEATHER RADAR (TDWR)

Issue a NOTAM if a system failure rendering the TDWR unusable is reported. NOTAM's are not issued for failure of individual system components, such as a remote sensor.

EXAMPLE-

!BWI BWI TDWR OTS

!BWI BWI TDWR CMSND

Section 2. AIRSPACE

6-2-1. FORMATTING AIRSPACE NOTAM (D)'S

a. The flight service specialist is responsible for formatting certain airspace information into NOTAM's. Those occasions are identified in this section.

NOTE-

The examples used in this order are representative of the format discussed in this section.

b. NOTAM's for airspace shall contain these elements as discussed below:

ADP CODE ACC LOC AFF LOC COND TIME
ADP CODE is an exclamation point "!".
ACC LOC is the identifier of the accountability location.
AFF LOC is the identifier of the affected facility or location. For certain airspace NOTAM's, it will be the identifier of the nearest VOR/DME or VORTAC.
COND is the condition being reported. Airspace NOTAM's shall begin with either the identification of the airspace, or with the activity type requiring the NOTAM.
TIME identifies the effective time of the NOTAM condition. Times shall be formatted in accordance with para 4-2-1, NOTAM Composition.

6-2-2. NOTAM (D) HOURS OF OPERATION SURFACE AREAS

Disseminate the following conditions as NOTAM:

a. Change in the hours of operation of a surface area due to other than seasonal daylight time changes.

EXAMPLE-

!HEF HEF CESA HRS 0730-1700 DLY TIL 0009011700

!LYH LYH CDSA HRS 0615-2100 MON-FRI/0830-1700 SAT/1000-1900 SUN TIL 0007181900

b. Only those surface areas identified in the airspace section of the AFD as part time are subject to change by NOTAM. All others can be changed only through rulemaking action.

c. If communications or weather reporting capabilities requirements are temporarily not able to be met after a surface area is established, a NOTAM shall be issued stating the temporary loss of the affected service (communication or service).

EXAMPLE-

!DDC DDC COM UNAVBL BLW 3000 0400-1200 DLY

!DDC DDC WX REP NOT AVBL 0600-2200 DLY

NOTE-

Weather report not available means a total weather observation equipment failure.

d. However, if it is determined that the requirements stated in subparagraph c above are consistently unavailable, a NOTAM shall be issued, as described above, and rulemaking action initiated to revoke the surface area or amend the surface area hours as appropriate.

6-2-3. RESTRICTED AREAS

A NOTAM shall be issued to activate a restricted area at other than published times for those charted restricted areas that contain the statement: "BY NOTAM," "INTERMITTENT BY NOTAM," or "OTHER TIMES BY NOTAM." A NOTAM shall not be issued to make other changes to the charted altitude or dimensions.

NOTE-

1. Descriptions of restricted areas are found in the Federal Register initially. Supplemental changes or new descriptions are found in the Federal Register issued daily except Sunday, Saturday, and Federal holidays. When a frequent need (more than once a week) exists to activate an area to a lower altitude, it would be more appropriate to formally subdivide the airspace through rulemaking action.

2. This information is received from the controlling facility/agency (ARTCC, approach control, RAPCON, etc.) and shall be referenced to the nearest VOR/DME, NDB, or VORTAC. Restricted areas shall be bracketed by no more than two VOR/DME's, NDB's, or VORTAC's without the permission of the FSS Procedures Branch, ATP-320.

EXAMPLE-

Single:

!IPT RAV R5802A ACT TIL 0004211230

Bracketed:

!PIE OMN R2907A ACT TIL 0004211800

!OCF OCF R2907A ACT TIL 0004211800

6-2-4. AIRSPACE AND ALTITUDE RESERVATIONS

a. CARF/ARTCC altitude reservation NOTAM's shall be transmitted by the USNOF to the WMSC system for distribution. The information will be stored in the USNS database and available for request/reply. If the altitude reservation affects international airspace, it will be sent and stored as an international NOTAM.

1. Altitude reservation involving a single ARTCC.

EXAMPLE-

*!CARF ZNY STATIONARY AIRSPACE RESERVATION
WITHIN 100 NM RADIUS FJC360020 5500-FL270
WEF 0003131500-0003231700*

2. Altitude reservation involving two ARTCC's.

EXAMPLE-

*!CARF ZDC ZJX
STATIONARY AIRSPACE RESERVATION 50 NM
EITHER SIDE OF A LINE FROM ILM TO CRE
5500-16000 WEF 0003131300-0003151300*

*!CARF ZJX ZDC
STATIONARY AIRSPACE RESERVATION 50 NM EITHER
SIDE OF A LINE FROM ILM TO CRE 5500-16000 WEF
0003131300-0003151300*

b. Missile firing and offshore airspace reservations. ARTCC's shall issue as a NOTAM missile firing exercises and offshore airspace reservations. These NOTAM's shall be transmitted as an international NOTAM to all offices requesting distribution of this data. These NOTAM's will remain current in the international NOTAM file of the USNS and will be available via request/reply.

EXAMPLE-

*GG (addressee)
220302 KDZZNAXX
Axxxx/xx NOTAMN A) KZOA
B) 0003240351 C) 0003240455
E) THAT WATER OPERATIONS WILL BE CONDUCTED
WITHIN THE FOLLOWING AREAS:
KZOA 3411N12456W 3451N12322W 3426N12319W
3417N12453W PHZH 3040N14545W 3054N14453W
3037N14447W 3023N14539W
IN THE INTEREST OF SAFETY ALL
NONPARTICIPATING PILOTS ARE STRONGLY AD-
VISED TO AVOID THE ABOVE AREAS. IFR TRAFFIC
UNDER ATC JURISDICTION SHOULD ANTICIPATE
REROUTING IN VICINITY OF IMPACTS.
F) SFC G) UNL*

REFERENCE-

Para 9-1-1, Retrieving International NOTAM's.

6-2-5. AIRCRAFT OPERATIONS

Upon receipt of a waiver to 14 CFR Part 91, but not more than 3 days prior to the event, issue NOTAM's for airshows, demonstrations, unmanned air vehicles (UAV), and aerobatics areas. The NOTAM text will include the area affected by reference to nautical mile radius and altitude.

a. Use the following data in the formulation of the NOTAM:

1. Date/time the activity will begin.
2. Size of the affected area in a nautical mile radius.
3. Location of the center of the affected area in relation to:
 - (a) The nearest VOR/DME or VORTAC when it is 25 nautical miles or less from the center of the activity.
 - (b) The nearest public-use airport, when the center of the activity is more than 25 nautical miles from the nearest VOR/DME or VORTAC.
4. Affected altitudes.
5. Duration of the activity.
6. Name, address, and telephone number of the person requesting authorization or giving notice.
7. Identification of the aircraft to be used.
8. Aircraft radio frequencies available.

b. Disseminate information received as follows:

EXAMPLE-

*!PNS PNS AIRSHOW ACFT 5000/BLW 5 NMR PNS
AVOIDANCE ADZD WEF
0004081200-0004081400*

*!MIV MIV AP CLSD/AIRSHOW ACFT 10000/BLW 5
NMR MIV AVOIDANCE ADZD WEF
0005122100-0005122300*

*!SAV SAV DMSTN ACFT 15000/BLW 5 NMR SAV
AVOIDANCE ADZD WEF
0005122100-0005122300*

*!PMD PMD UAV 15000/BLW 10 NMR PMD010015
AVOIDANCE ADZD TIL 0002291600*

6-2-6. AERIAL REFUELING

A NOTAM shall be issued for published and established routes as follows.

a. IFR. The ARTCC shall notify the tie-in FSS at least 2 hours in advance when an established IFR aerial refueling track will be activated if any of the activity will be conducted outside restricted/warning or Class A airspace.

b. VFR. The scheduling activity shall notify the tie-in FSS in advance when an established VFR refueling track will be activated if any of the activity will be conducted outside restricted/warning areas.

EXAMPLE-

*!ABQ ABQ AR115 ACT 0200-0500 DLY WEF
0002020200-0002070500*

6-2-7. PARACHUTE JUMPING/SKY DIVING (PJE)

a. Obtain the following data:

1. Date/time the activity will begin.
2. Size of the affected area in a nautical mile radius
3. Location of the center of the affected area in relation to:

(a) The nearest VOR/DME or VORTAC when it is 25 nautical miles or less from the center of the activity.

(b) The nearest public-use airport, when the center of activity is more than 25 miles from the nearest VOR/DME or VORTAC.

4. Affected altitudes.
5. Duration of the activity.
6. Name, address, and telephone number of the person requesting authorization or giving notice.
7. Identification of the aircraft to be used.
8. Aircraft radio frequencies available.

b. Disseminate information received as follows:

EXAMPLE-

*(VOR F/R/D at airport)
!DSM DSM PJE 3 NMR DSM149009/0Y5
10000/BLW WEF 0003211400-0003211600*

(VOR F/R/D)

*!DCA BRV PJE 2 NMR BRV130025 12000/BLW
WEF 0004300800-0004301000*

(airport)

*!CHO CHO PJE 5 NMR 10000/BLW WEF
0003230800-0003231000*

(from an airport)

*!CHO CHO PJE 30 NE 5 NMR 10000/BLW WEF
0003230800-0003231000*

NOTE-

Activities that will prohibit the use of airspace will require the issuance of an FDC NOTAM by the USNOF.

REFERENCE-

14 CFR Section 91.137.

6-2-8. DEPARTURE PROCEDURES AND STANDARD TERMINAL ARRIVALS

a. Departure Procedures (DP). Information pertaining to temporary changes in published DP's shall be issued by the USNOF.

EXAMPLE-

*!USD SAN BORDER THREE DEPARTURE JULIAN
TRANSITION: FROM OVER BROWS INT VIA JLI R-182
TO JLI VORTAC*

b. Standard Terminal Arrivals (STAR's) and profile descents. Information pertaining to temporary changes in published STAR and profile descent procedures shall be issued by the USNOF.

EXAMPLE-

*!UAR SAN BARET FOUR ARRIVAL IMPERIAL TRANSITION:
FROM OVER IPL VORTAC VIA IPL R-258
AND MZB R-076 TO BARET INT. THENCE...*

NOTE-

The appropriate 7100 series form must be submitted to affect permanent charting changes. NOTAM's on DP's and STAR's will be carried on the system until published. At that time, the USNOF shall cancel the NOTAM.

6-2-9. MOORED BALLOONS, KITES, UNMANNED ROCKETS, UNMANNED FREE BALLOONS, HOT AIR BALLOONS, AND HIBAL

Upon receipt of a waiver to 14 CFR Part 101, but not more than 3 days prior to the event, issue a NOTAM containing the following information:

- a. Date/time the activity will begin.
- b. Size of the affected area in a nautical mile radius.
- c. Location of the center of the affected area in relation to:

1. The nearest VOR/DME or VORTAC when it is 25 nautical miles or less from the center of the activity.

2. The nearest public-use airport, when the center of the activity is more than 25 nautical miles from the nearest VOR/DME or VORTAC.

d. Affected altitudes.

e. Duration of the activity.

f. For unmanned free balloons the forecasted trajectory and estimated time to cruising altitude or 60,000 feet standard pressure altitude, whichever is lower.

EXAMPLE-

*/SJT SJT MOORED BALLOON 1 NMR SJT095018
510/BLW WEF 0006251400-0006261400*

*/SJT SJT MOORED BALLOON 30 NE 1 NMR 610/BLW
TIL 0006271700*

*/ABQ ABQ KITE 1 NMR ABQ020002 505/BLW WEF
0007011900-0007012100*

*/ICT ICT UNMANNED ROCKET 4 NMR ICT190024
FL250/BLW WEF 0008181200-0008182000*

*/ABQ ABQ HIBAL ABQ180020 S BND REACHING
FL600 TIL 0005251800*

*/DEN DEN HIBAL 30 S E BND REACHING
10000 TIL 0006181900*

NOTE-

Activities that will prohibit the use of airspace will require the issuance of an FDC NOTAM by the USNOF.

REFERENCE-

14 CFR Section 91.137.

EXAMPLE-

*/DSM DSM AEROBATIC ACFT 4500/BLW 6 NMR DSM
AVOIDANCE ADZD WEF
0012291200-0012302200*

*/SGF SGF AEROBATIC AREA 3000-8500 3 NMR SGF
AVOIDANCE ADZD WEF
0012301400-0012311800*

*/COU COU HOT AIR BALLOON 2 NMR
COU218015 1500/BLW WEF 0012291600-0012291800*